Claims

1. A rotogravure printing unit (01), having a rotogravure printing cylinder (06) and an inking unit (02), which has at least three inking rollers (12, 13, 14), which are placed against the forme cylinder (06), characterized in that each one of the inking rollers (12, 13, 14) can be moved in relation to the forme cylinder independently of the other inking rollers (12, 13, 14).

2. A rotogravure printing unit (01), having a rotogravure printing cylinder (06) and an inking unit (02), which has at least three inking roller (12, 13, 14), which are placed against the forme cylinder (06), characterized in that at least one inking roller (13) of the at least three inking rollers (12, 13, 14) overlaps the at least two other inking rollers (12, 14) in the axial direction.

3. The rotogravure printing unit (01) in accordance with claim 1, characterized in that at least one inking roller (13) of the at least three inking rollers (12, 13, 14) overlaps the at least two other inking rollers (12, 14) in the axial direction.

4. The rotogravure printing unit (01) in accordance with claim 2, characterized in that each one of the inking rollers (12, 13, 14) can be moved in relation to the forme cylinder independently of the other inking rollers (12, 13, 14).

5. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that an area of the rotogravure forme cylinder (06) inked by the first inking roller (13) and at least two areas of the rotogravure forme cylinder (06) inked by the at least two other inking rollers (12, 14) overlap in the axial direction.

6. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that the inking unit (02) can be adjusted in height.

7. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that a counter-pressure cylinder (07) has been arranged, which presses against the rotogravure forme cylinder (06), wherein both cylinders (06, 07) delimit a printing gap.

8. The rotogravure printing unit (01) in accordance with claim 1, characterized in that the at least three inking rollers (12, 13, 14) are arranged staggered.

9. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that at least two inking rollers (12, 13, 14) are arranged along the same shaft.

10. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that at least two inking rollers (12, 13, 14) are arranged offset in the circumferential direction of the rotogravure forme cylinder (06).

11. The rotogravure printing unit (01) in accordance with claim 1, characterized in that the areas of width along which the at least two inking rollers (12, 13, 14) extend touch each other without overlapping.

12. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that the areas of width along which at least two inking rollers (12, 13, 14) extend, are spaced apart from each other.

13. The rotogravure printing unit (01) in accordance with claim 1 or 2, characterized in that the inking rollers (12, 13, 14) at least partially dip into a trough (03) containing ink.

14. The rotogravure printing unit (01) in accordance with claim 13, characterized in that the inking rollers (12, 13, 14) can be separately adjusted in height in the trough (03).

15. The rotogravure printing unit (01) in accordance with claim 1, characterized in that the inking rollers (12, 13, 14) are provided with a terrycloth-like or visco-elastic covering.

16. The rotogravure printing unit (01) in accordance with claim 1, characterized in that each one of the at least three inking rollers (12, 13, 14) is shorter than the barrel of the rotogravure forme cylinder (06).

17. The rotogravure printing unit (01) in accordance with claim 16, characterized in that a length of the barrels (L12, L13, L14) of each of the inking rollers (12, 13, 14) is shorter than 1.1-times the length (L06) of the barrel of the rotogravure forme cylinder (06) divided by the number N of inking rollers (12, 13, 14) in the axial direction, i.e. for example:

$$L12,\ L13,\ L14 = \frac{1.1 \times L06}{N}$$

wherein N = a whole number larger than/equal to (≥) 3.